

**WEST**

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L1: Entry 1 of 1

File: DWPI

Nov 24, 1999

DERWENT-ACC-NO: 1998-448729  
DERWENT-WEEK: 199954  
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TITLE: Storage device for electronic components, such as diodes and capacitors -  
uses de-humidifier for lowering moisture content of air within gas-tight housing for  
storing electronic components

INVENTOR: RIEGER, K

## PATENT-ASSIGNEE:

ASSIGNEE	CODE
SIEMENS NIXDORF INFORM AG	SIEI
SIEMENS AGXDORF INFORM AG	SIEI

PRIORITY-DATA: 1998DE-2009169 (May 20, 1998)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 959653, A2	November 24, 1999	G	000	H05K013/00
<u>DE 29809169 U1</u>	August 20, 1998		011	H05K013/02

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 959653A2	April 6, 1999	1999EP-0106824	
DE 29809169U1	May 20, 1998	1998DE-2009169	

INT-CL (IPC): B65 D 81/20; B65 D 81/26; B65 D 85/86; H05 K 13/00; H05 K 13/02

ABSTRACTED-PUB-NO: DE 29809169U

## BASIC-ABSTRACT:

The storage device has a gas-tight housing (12), in which the electronic components are stored in a defined gaseous atmosphere, obtained via a de-humidifier (32) for removing moisture from the gas within the housing.

The de-humidifier may be provided by an absorption drying device with a driven rotor (42) and a concentric layer (44) of an inorganic fibre material containing a metal silicate, for removing moisture from the air stream circulated by the rotor.

USE - For long-term storage of electronic components. e.g. surface mounted devices.

ADVANTAGE - Prevents damage to stored components resulting from air humidity.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: STORAGE DEVICE ELECTRONIC COMPONENT DIODE CAPACITOR DE HUMIDIFY LOWER  
MOIST CONTENT AIR GAS TIGHT HOUSING STORAGE ELECTRONIC COMPONENT

DERWENT-CLASS: Q34 V04

EPI-CODES: V04-R04G; V04-V01; V04-X01A;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1998-349909